



09/710,921

Hamilton, II et al.

Apparatus and Methods for Sequentially Scheduling a Plurality of Commands
in a Processing Environment Which Executes Commands Concurrently

REPLACEMENT
SHEET

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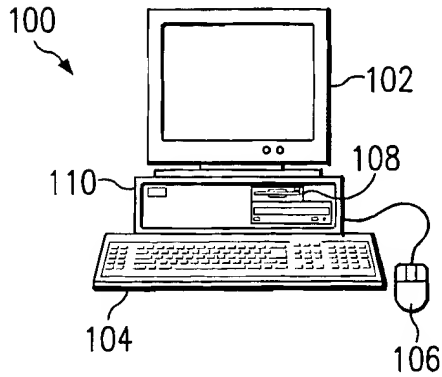


FIG. 1

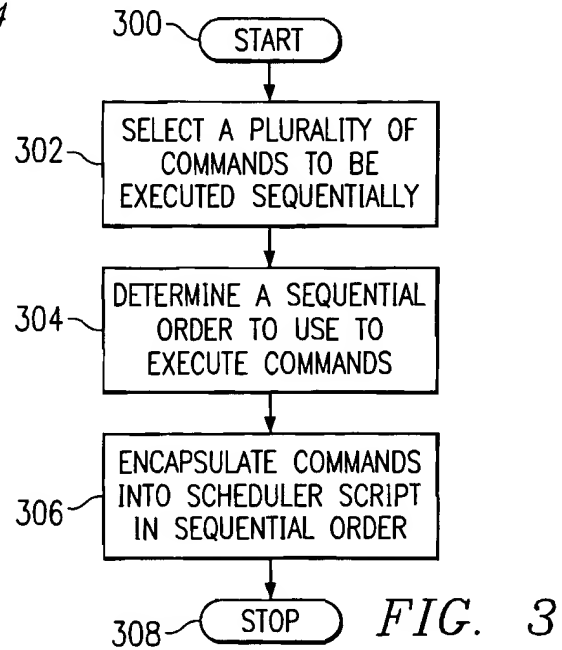


FIG. 3

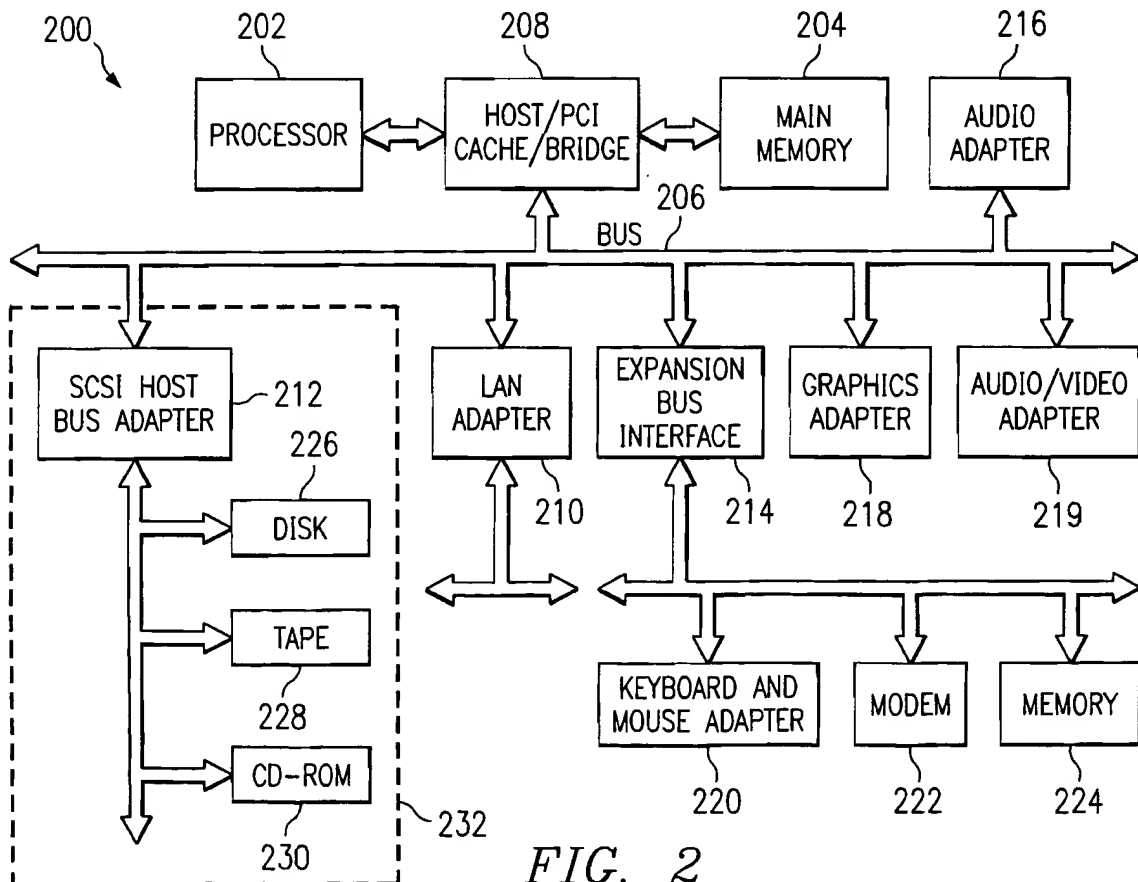


FIG. 2

Apparatus and Methods for Sequentially Scheduling a Plurality of Commands
in a Processing Environment Which Executes Commands Concurrently

FIG. 4

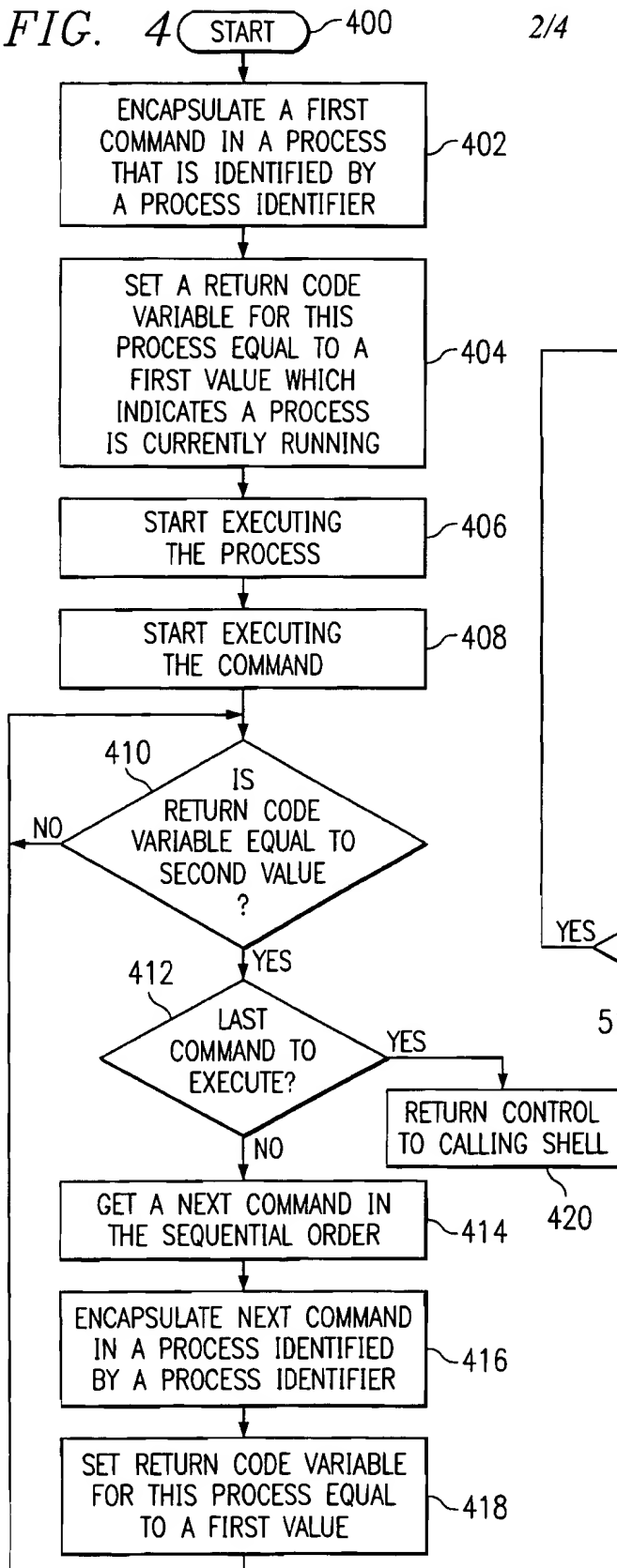
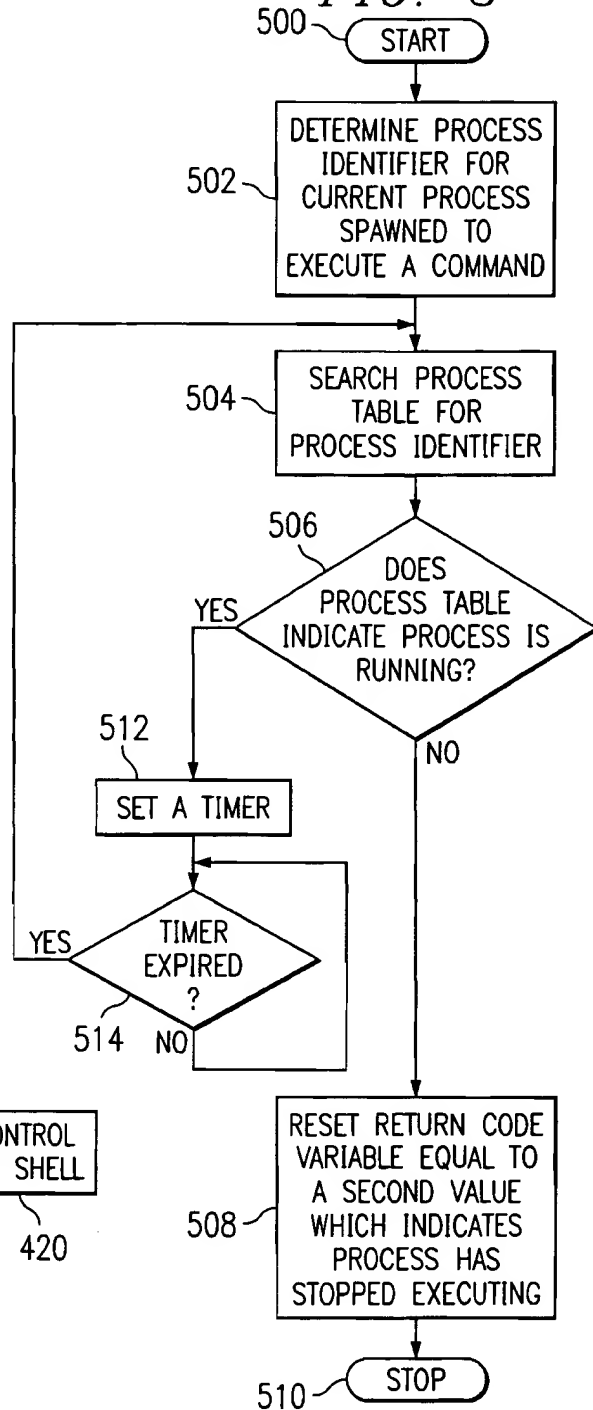


FIG. 5



Apparatus and Methods for Sequentially Scheduling a Plurality of Commands
in a Processing Environment Which Executes Commands Concurrently

y='date+%Y%m%d'
x='date+%OH%OM%OS'

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FIG. 6

```
#
date>>/tmp/scheduler.log
echo "Starting scheduler" >>/tmp/scheduler.log
#-----

date>>/tmp/scheduler.log
echo "Starting process # 1 ">>/tmp/scheduler.log
rc1=0
#insert command here for process #1
while[[ $rc1 = 0]]
do
ps-ef|grep process#1|grep -v grep
if[[ $? -ne 0]]
then rc1=1

else
sleep 600
fi
done

date>>/tmp/scheduler.log
echo "Starting process # 2 ">>/tmp/scheduler.log
rc2=0
#insert command here for process #2
while[[ $rc2 = 0]]
do
ps -ef|grep process#2|grep -v grep
if[[ $? -ne 0]]
then rc2=1
else
sleep 120
fi
done

date>>/tmp/scheduler.log
echo "Starting process # 3 ">>/tmp/scheduler.log
rc3=0
#insert command here for process #3
while[[ $rc3 = 0]]
do
ps -ef|grep process#3|grep -v grep
if[[ $? -ne 0]]
then rc3=1
else
sleep 120
fi
done
```

FIG. 7

```

#
#Example using this script with Tivoli Storage Manager (TSM)#
#
#
#echo "Starting DRMPHase1">>/tmp/drm.log
#-----
#RUN DRMPHASE1 TO BACKUP STG, DB, DEVCONFIG, VOLHIST, ETC.

date>>/tmp/drm.log
echo "verifying that no node sessions are running">>/tmp/drm.log
rc1=0
while [[ $rc1 = 0 ]]
do
dsmadmc -id=admin -password=admin "select session_id,session_type,client_name from
sessions where SESSION_TYPE='Node' and CLIENT_NAME!='ENTBKDAL1'">/dev/null

if[[ $? -ne 0 ]]
then rc1=1
else
sleep 600
fi
done

date>>/tmp/drm.log
echo "Starting expire inventory">>/tmp/drm.log
rc2=0
dsmadmc -id=admin -password=admin 'expire inventory'
while [[ $rc2 = 0 ]]
do
dsmadmc -id=admin -password=admin "select process_num,process from processes where
PROCESS='Expiration'">/dev/null
if[[ $? -ne 0 ]]
then rc2=1
else
sleep 120
fi
done

```